

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	614	(aminopropyl with acrylamide) or (aminopropylacrylamide)	USPAT	OR	OFF	2006/05/23 14:19
S2	69	S1 and (ion-exchange or (cation adj exchange) or (anion adj exchange) or (ion adj exchange))	USPAT	OR	OFF	2006/05/23 12:53
S3	49	S2 not @ay>"2000"	USPAT	OR	OFF	2006/05/23 13:32
S4	89264	aminopropyl(meth)acrylamide or (aminopropyl adj methacrylamide)	USPAT	OR	OFF	2006/05/23 13:33
S5	11810	S4 and (ion-exchange or (ion adj exchange))	USPAT	OR	OFF	2006/05/23 13:33
S6	283	(aminopropyl(meth)acrylamide or (aminopropyl adj methacrylamide)) with (ion-exchange or (ion adj exchange))	USPAT	OR	OFF	2006/05/23 13:45
S7	235	S6 not @ay>"2000"	USPAT	OR	OFF	2006/05/23 13:34
S8	5	("aminopropyl(meth)acrylamide" or (aminopropyl adj methacrylamide)) with (ion-exchange or (ion adj exchange))	USPAT	OR	OFF	2006/05/23 14:11
S9	11	("aminopropyl(meth)acrylamide" or (aminopropyl adj methacrylamide)) same (ion-exchange or (ion adj exchange))	USPAT	OR	OFF	2006/05/23 14:12
S10	11	("aminopropyl(meth)acrylamide" or (aminopropyl adj methacrylamide)) same (ion-exchange or (ion adj exchange) or (cation adj exchange) or (anion adj exchange))	USPAT	OR	OFF	2006/05/23 15:31
S11	6	S10 not S8	USPAT	OR	OFF	2006/05/23 14:12
S12	15	("aminopropylacrylamide" or (aminopropyl adj acrylamide)) and (ion-exchange or (ion adj exchange) or (cation adj exchange) or (anion adj exchange))	USPAT	OR	OFF	2006/05/23 14:19
S13	0	((aminopropyl with acrylamide) or (aminopropylacrylamide)) with ((amino or amine) with (ion-exchange or (ion-exchanging)))	USPAT	OR	OFF	2006/05/23 14:20
S14	0	((aminopropyl with acrylamide) or (aminopropylacrylamide)) and ((amino or amine) with (ion-exchange or (ion-exchanging)))	USPAT	OR	OFF	2006/05/23 14:20

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S15	984	((amino or amine) with (ion-exchange or (ion-exchanging)))	USPAT	OR	OFF	2006/05/23 14:21
S16	66	((amino or amine) adj group) with (ion-exchange or (ion-exchanging))	USPAT	OR	OFF	2006/05/23 14:21
S17	54	S16 not @ay>"2000"	USPAT	OR	OFF	2006/05/23 15:42
S18	1	("3931004").PN.	USPAT; USOCR	OR	OFF	2006/05/23 15:23
S19	642	polyacrylamide with (ion-exchange or (ion adj exchange))	USPAT	OR	OFF	2006/05/23 15:27
S20	8	polyacrylamide with modified with (ion-exchange or (ion adj exchange))	USPAT	OR	OFF	2006/05/23 15:24
S21	0	S19 and (polyacrylamide with (aminopropylacrylamide or (aminopropyl adj acrylamide)))	USPAT	OR	OFF	2006/05/23 15:29
S22	23	("aminopropyl(meth)acrylamide" or aminopropylmethacrylamide or (aminopropyl adj methacrylamide)) with (ion or cation or anion)	USPAT	OR	OFF	2006/05/23 15:36
S24	6	S22 and polyacrylamide	USPAT	OR	OFF	2006/05/23 15:40
S25	0	S22 and dimethylacrylamide	USPAT	OR	OFF	2006/05/23 15:41
S26	0	vinylglyoxylate and ((ion or cation or anion) with exchange)	USPAT	OR	OFF	2006/05/23 15:41
S27	71	(3-butenic acid) and ((ion or cation or anion) with exchange)	USPAT	OR	OFF	2006/05/23 15:53
S28	65	S27 not @ay>"2000"	USPAT	OR	OFF	2006/05/23 15:43
S29	3	S28 and (polyacrylamide or dimethylacrylamide)	USPAT	OR	OFF	2006/05/23 15:43
S30	1	(2-oxo-3-butenic acid) and ((ion or cation or anion) with exchange)	USPAT	OR	OFF	2006/05/23 15:54
S31	0	(2-oxobut-3-enoic acid) and ((ion or cation or anion) with exchange)	USPAT	OR	OFF	2006/05/23 15:55
S32	1	("3931004").PN.	USPAT; USOCR	OR	OFF	2006/05/23 15:55
S33	1	("4724262").PN.	USPAT; USOCR	OR	OFF	2006/05/23 15:55
S34	1	("6126805").PN.	USPAT; USOCR	OR	OFF	2006/05/23 16:11
S35	0	(dimethyl adj "aminopropyl(meth)acrylamide") and (dimethyl with stabiliz\$)	USPAT	OR	OFF	2006/05/23 16:25

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S36	0	(dimethyl adj "aminopropyl(meth)acrylamide") and (dimethyl with function)	USPAT	OR	OFF	2006/05/23 16:12
S37	379	polyacrylamide adj copolymer	USPAT	OR	OFF	2006/05/23 16:25
S38	170	S37 and (ion or cation or anion)	USPAT	OR	OFF	2006/05/23 16:25
S39	125	S38 and (sulfite or amino or amine)	USPAT	OR	OFF	2006/05/23 16:26
S40	33	S38 and ((sulfite or amino or amine) with (ion or cation or anion))	USPAT	OR	OFF	2006/05/23 16:26
S41	1	("6813520").PN.	USPAT; USOCR	OR	OFF	2006/05/24 16:49
S42	23	("aminopropyl(meth)acrylamide" or aminopropylmethacrylamide or (aminopropyl adj methacrylamide)) with (ion or cation or anion)	USPAT	OR	OFF	2006/05/24 17:07
S43	21	("aminopropylacrylamide" or (aminopropyl adj methacrylamide)) with (ion or cation or anion)	USPAT	OR	OFF	2006/05/24 17:07
S44	15	S43 and (bind or binding)	USPAT	OR	OFF	2006/05/24 17:12
S45	6	S43 not S44	USPAT	OR	OFF	2006/05/24 17:15
S46	1	("6897072").PN.	USPAT; USOCR	OR	OFF	2006/05/24 17:15
S47	614	((aminopropyl with acrylamide) or (aminopropylacrylamide))	USPAT	OR	OFF	2006/05/25 19:44
S48	989	((aminopropyl with acrylamide) or (aminopropylacrylamide))	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:40
S49	483	S48 not @ay>"2000"	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:42
S50	565	(3-butenic acid) or vinylglyoxylate or (2-oxobut-3-enoic adj acid)	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:44
S51	420	S50 not @ay>"2000"	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:46
S52	35	nikiforov-theo-t.in.	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:44
S53	2	baker-jill-m.in.	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:45
S54	2	lin-sansan.in.	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:46
S55	125	parce-j-wallace.in.	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:44
S56	72	S55 and (ion or cation or anion)	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:44

## EAST Search History

S57	0	S55 and ((aminopropyl with acrylamide) or (aminopropylacrylamide))	USPAT	OR	OFF	2006/05/25 19:44
S58	3	S55 and (3-butenic acid) or vinylglyoxylate or (2-oxobut-3-enoic acid)	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:45
S59	3	S52 and (3-butenic acid) or vinylglyoxylate or (2-oxobut-3-enoic acid)	US-PGPUB; USPAT	OR	OFF	2006/05/25 19:45
S60	79231	"210"/\$.ccls.	USPAT	OR	OFF	2006/05/26 15:10
S61	86845	"210"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/26 15:10
S62	6489	S61 and (chromatography or chromatographic)	US-PGPUB; USPAT	OR	OFF	2006/05/26 15:12
S63	3552	S62 and (ion or cation or anion)	US-PGPUB; USPAT	OR	OFF	2006/05/26 15:12
S64	418	S63 and ((modify or modification) with (polymer or monomer or material))	US-PGPUB; USPAT	OR	ON	2006/05/26 15:13
S65	265	S64 and ((functional or binding) with group)	US-PGPUB; USPAT	OR	ON	2006/05/26 15:14
S66	52	polyarginine same polyacrylamide	US-PGPUB; USPAT	OR	ON	2006/05/26 15:18
S67	37	polyarginine with polyacrylamide	US-PGPUB; USPAT	OR	ON	2006/05/26 15:18
S68	268	polylysine with polyacrylamide	US-PGPUB; USPAT	OR	ON	2006/05/26 15:19